

FORM PTO-1449 LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)	U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1123R1D1C1	Serial No. 10/791,619
		Applicant Lowman et al.	
		Filing Date 3/2/04	Group 1644

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	* 1	4,255,519	10.03.81	Terada et al.	—	—	—
	* 2	4,275,149	23.06.81	Litman et al.	—	—	—
	* 3	4,816,567	28.03.89	Cabilly et al.	—	—	—
	* 4	5,534,617	09.07.96	Cunningham et al.	—	—	—
	* 5	5,561,053	01.10.96	Crowley	—	—	—
	* 6	5,622,700	22.04.97	Jardieu et al.	—	—	—
	* 7	5,705,154	06.01.98	Dalie et al.	—	—	—
	* 8	5,750,373	12.05.98	Garrard et al.	—	—	—
	* 9	5,821,337	13.10.98	Carter et al.	—	—	—
	**10	5,965,709	12.10.99	Presta et al.	—	—	—
	**11	5,994,511	30.11.99	Lowman et al.	—	—	—
	**12	6,037,453	14.03.00	Jardieu et al.	—	—	—
	13	6,054,297	25.04.00	Carter et al.	—	—	—
	**14	6,329,509	11.12.01	Jardieu et al.	—	—	—
	15	6,407,213	18.06.02	Carter et al.	—	—	—

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	*16	239,400B1	03.08.94	EPO	—	—	
	*17	93/11161	10.06.93	PCT	—	—	
	18	WO 92/17207	15.10.92	PCT	—	—	
	*19	WO 93/04173	04.03.93	PCT	—	—	
	*20	WO 93/16185	19.08.93	PCT	—	—	
	21	WO 94/20533	15.09.94	PCT	—	—	
	*22	WO 95/24481	14.09.95	PCT	—	—	
	*23	WO 97/06822	27.02.97	PCT	—	—	



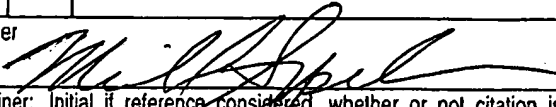
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

	*24	Alberts et al., "The Immune System" <u>Molecular Biology of The Cell</u> , 3d edition, New York and London: Garland Publishing, Inc., Chapter 23, pps. G-15 and 1232 (1994).
	*25	Amit et al., "Three-Dimensional Structure of an Antigen-Antibody Complex at 2.8 A Resolution" <u>Science</u> 233:747-753 (Aug 1986)
	*26	Barbas III et al., "In Vitro Evolution of a Neutralizing Human Antibody to Human Immunodeficiency Virus Type 1 to Enhance Affinity and Broaden Strain Cross-Reactivity." <u>Proc. Natl. Acad. Sci. USA</u> 91(9):3809-3813 (Apr 26, 1994)
	*27	Brennan et al., "Preparation of bispecific antibodies by chemical recombination of monoclonal immunoglobulin G1 fragments" <u>Science</u> 229:81-83 (July 1985)
	*28	Cacia et al., "Isomerization of an aspartic acid residue in the complementarity-determining regions of a recombinant antibody to human IgE: identification and effect on binding affinity" <u>Biochemistry</u> 35(6):1897-1903 (Feb 13, 1996)

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
29	Carter et al., "High Level Escherichia coli Expression and Production of a Bivalent Humanized Antibody Fragment." <u>Bio/Technology</u> , 10(2):163-167 (Feb 1992)				
30	Carter et al., "Humanization of an Anti-p185HER2 Antibody For Human Cancer Therapy" <u>Proc. Natl. Acad. Sci. USA</u> 89:4285-4289 (May 1992)				
31	Champe et al., "Monoclonal antibodies that block the activity of leukocyte function-associated antigen 1 recognize three discrete epitopes in the inserted domain of CD11a" <u>Journal of Biological Chemistry</u> 270:1388-1394 (1995)				
32	Chothia and Lesk, "Canonical Structures for the Hypervariable Regions of Immunoglobulins" <u>J. Mol. Biol.</u> 196:901-917 (1987)				
33	Chothia et al., "Domain Association in Immunoglobulin Molecules. The Packing of Variable Domains" <u>Journal of Molecular Biology</u> 186:651-663 (1985)				
34	Chothia, C. et al., "Conformations of immunoglobulin hypervariable regions" <u>Nature</u> 342(6252):877-883 (1989)				
35	Clackson et al., "Making Antibody Fragments Using Phage Display Libraries" <u>Nature</u> 352:624-628 (1991)				
36	Co et al., "Humanized antibodies for antiviral therapy" <u>Proc. Natl. Acad. Sci. USA</u> 88:2869-2873 (April 1991)				
37	Cunningham et al., "Production of an Atrial Natriuretic Peptide Variant that is Specific for Type A Receptor" <u>EMBO Journal</u> 13(11):2508-2515 (1994)				
38	Geiger and Clarke, "Deamidation, isomerization, and racemization at asparaginyl and aspartyl residues in peptides. Succinimide-linked reactions that contribute to protein degradation" <u>Journal of Biological Chemistry</u> 262(2):785-794 (Jan 15, 1987)				
39	Goding, J.W., "Conjugation of antibodies with fluorochromes: modifications to the standard methods" <u>Journal of Immunological Methods</u> 13(3-4):215-226 (1976)				
40	Hakimi et al., "The α subunit of the human IgE receptor (FcERI) is sufficient for high affinity IgE binding" <u>Journal of Biological Chemistry</u> 265(36):22079-22081 (1990)				
41	Hawkins et al., "Selection of Phage Antibodies by Binding Affinity Mimicking Affinity Maturation" <u>J. Mol. Biol.</u> 226:889-896 (1992)				
42	Herbert et al. <u>Dictionary of Immunology</u> , 3rd edition, Blackwell Scientific Publications pps. 77 (1985)				
43	Holliger et al., "Diabodies": Small Bivalent and Bispecific Antibody Fragments." <u>Proc. Natl. Acad. Sci. USA</u> 90:6444-6448 (Jul 1993)				
44	Jones et al., "Replacing the Complementarity-Determining Regions in a Human Antibody with Those From a Mouse." <u>Nature</u> , 321:522-525 (May 29, 1986)				
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46	Kabat <u>Sequences of Proteins of Immunological Interest</u> (Fourth Ed.), 4th edition pps. 41-42, 167-168 (1987)				
47	Kabat <u>Sequences of Proteins of Immunological Interest</u> (pgs. 662-663, 671-672, 680-681, 697, 701-702, 710, 719-720, 2275-2276), 5th edition '1 (1991)				
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	*49	Kohler and Milstein., "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity." <u>Nature</u> 256:495-497 (August 7, 1975)			
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	*54	Lowman and Wells, "Affinity Maturation of Human Growth Hormone by Monovalent Phage Display" <u>J. Mol. Biol.</u> 234:564-578 (1993)			
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	59	Metzger and Kinet, "How Antibodies Work: Focus on Fc Receptors" <u>FASEB J</u> 2(1):3-11 (January 1988)			
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	*65	Presta et al., "Humanization of an Antibody Directed Against IgE" <u>J. Immunol.</u> 151(5):2623-2632 (September 1, 1993)			
	*66	Presta, L., "Antibody Engineering" <u>Curr. Op. Struct. Biol.</u> 2:593-596 (1992)			
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